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PTO/SB/05 (11-00)

Approved through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No.	02581-P0383A	
		First Inventor	Gerd Beck, et al.	
		Title	Testing Or Setting Device For A PDD Or PDT System, Or For Training On Such A System And Tissue Phantom	
		Express Mail Label No.	EL 574 209 832 US	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231		
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		
2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27.		8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
3. <input checked="" type="checkbox"/> Specification [Total Pages 20] (preferred arrangement set forth below) <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to sequence listing, a table, or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claims(s)- Abstract of the Disclosure		a. <input type="checkbox"/> Computer Readable Form (CRF)		
		b. Specification Sequence Listing on: <ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); orii. <input type="checkbox"/> paper		
		c. <input type="checkbox"/> Statement verifying identity of above copies		
4. <input checked="" type="checkbox"/> Drawings(s) (35 USC 113) [Total Sheets 2]		ACCOMPANYING APPLICATION PARTS		
5. Oath or Declaration [Total Pages 0] <ul style="list-style-type: none">a. <input type="checkbox"/> New executed (original or copy)b. <input type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)<ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))		
		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney		
		11. <input type="checkbox"/> English Translation Document (if applicable)		
		12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		
		13. <input checked="" type="checkbox"/> Preliminary Amendment		
		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)		
		16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 of its equivalent.		
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		17. <input checked="" type="checkbox"/> Other: PCT/EP99/090507 Cover Sheet DE19855853.8 Cover Sheet		
18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input checked="" type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part of prior application No.: PCT/EP99/09507 filed Dec. 6, 1999 Prior application information: Examiner Group/Art Unit: Priority: DE19855853.8 filed Dec. 4, 1998 For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
18. CORRESPONDENCE ADDRESS				
<input checked="" type="checkbox"/> Customer Number of Bar Code Label 24126 <input checked="" type="checkbox"/> Correspondence address below (Insert Customer No. or Attach bar code label here)				
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Signature	Date		6/1/01

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06/01/01
J1041 U.S. PTO

09/872940

JC971 U.S. PTO
09/872940

10/10/96

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision

Complete if Known

Application No.	- Pending
Filing Date	June 1, 2001
First Named Inventor	Gerd Beck, et al.
Examiner Name	
Group Art Unit	

TOTAL AMOUNT OF PAYMENT

(\$) 710.00

Attorney Docket Number

02581-P0383A WWW

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit
Account
Number

19-4516

Deposit
Account
Name

St.Onge Steward Johnston & Reens LLC

- ☒ Charge Any Additional Fee Required
Under CFR 1.16 and 1.17
Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money ☐ Other
Order

FEE CALCULATION**BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$) 710.00**EXTRA CLAIMS FEES**

Total Claims	Extra Claims	Fee from Below	Fee Paid
20	-20**=	0	
3	-3**=	0	
Multiple Dependent		0	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claims, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

** or number previously paid, if greater; For Reissues, see above

SUBTOTAL (2) (\$) -0-**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing for or oath	
127	50	227	25	Surcharge - late provisional filing or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840	Requesting publication of SIR after Examiner Action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	240	126	240	Submission of Informational Disclosure Stmt	
581	40	581	40	Recording each patent assignment per Property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

* Reduced by Basic Filing Fee paid

SUBTOTAL (3) (\$) -0-**SUBMITTED BY** St.Onge Steward Johnston & Reens LLC

Complete (if applicable)

Name (Print Type)

Wesley W. Whitmyer, Jr.

Registration No.
(Attorney/Agent)

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Telephone

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Signature

Date

6/1/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

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PATENT
02581-P0383A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Gerd Beck, et al.
Serial No. - Pending	Filed June 1, 2001
Title of Application:	Testing Or Setting Device For A PDD Or PDT System, Or For Training On Such A System And Tissue Phantom

Assistant Commissioner for Patents
Washington, DC 20231

Cover Sheet For Two Sheets Of Drawings

02581-P0383A WWW

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①9 BUNDESREPUBLIK
DEUTSCHLAND



DEUTSCHES
PATENT- UND
MARKENAMT

⑫ **Off nl gungsschrift**
⑩ **DE 198 55 853 A 1**

⑤1 Int. Cl.⁷:
A 61 B 6/00
A 61 N 5/06
G 09 B 23/28
A 61 B 1/00

②1 Aktenzeichen: 198 55 853.8
②2 Anmeldetag: 4. 12. 1998
④3 Offenlegungstag: 15. 6. 2000

DE 198 55 853 A 1

⑦1 Anmelder:
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André, 78532 Tuttlingen, DE

⑤5 Entgegenhaltungen:
DE 196 38 809 A1

JC971 U.S. PTO
09/872940
06/01/01

Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen

Prüfungsantrag gem. § 44 PatG ist gestellt

⑤4 Vorrichtung zur Prüfung und/oder Justierung eines PDD-oder PDT-Systems und/oder zur Schulung an einem derartigen System

⑤7 Beschrieben wird eine Vorrichtung zur Prüfung und/oder Justierung eines PDD- oder PDT-Systems und/oder zur Schulung an einem derartigen System, das

- ein Beleuchtungssystem, dessen Licht wenigstens zur Anregung des Fluoreszenzstoffes dient und hierzu auf den zu diagnostizierenden und/oder zu therapierenden Gewebebereich gerichtet werden kann, und
- eine bildgebende Einheit, die das von dem angeregten Gewebebereich kommende Licht abbildet, aufweist.

Die Erfindung zeichnet sich dadurch aus, daß ein Lumineszenzphantom vorgesehen ist, das das Licht des Beleuchtungssystems teilweise reflektiert, teilweise absorbiert und wenigstens einen räumlichen Bereich enthält, in dem Beleuchtungslicht zu Lumineszenzlicht konvertiert wird, dessen Emissionsspektrum im Wellenlängenbereich eines gewissen "in vivo" vorkommenden Fluoreszenzfarbstoffs liegt.

DE 198 55 853 A 1

PCT

WELTORGANISATION FÜR GEISTIGES EIGENTUM
Internationales Büro



INTERNATIONALE ANMELDUNG VERÖFFENTLICHT NACH DEM VERTRAG ÜBER DIE
INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES PATENTWESENS (PCT)

<p>(51) Internationale Patentklassifikation ⁷ : G01N 21/64, A61N 5/06</p>	<p>A1</p>	<p>(11) Internationale Veröffentlichungsnummer: WO 00/34762 (43) Internationales Veröffentlichungsdatum: 15. Juni 2000 (15.06.00)</p>
<p>(21) Internationales Aktenzeichen: PCT/EP99/09507 (22) Internationales Anmeldedatum: 6. Dezember 1999 (06.12.99) (30) Prioritätsdaten: 198 55 853.8 4. Dezember 1998 (04.12.98) DE (71) Anmelder (für alle Bestimmungsstaaten ausser US): KARL STORZ GMBH & CO. KG [DE/DE]; Mittelstrasse 8, D-78532 Tuttlingen (DE). (72) Erfinder; und (75) Erfinder/Anmelder (nur für US): BECK, Gerd [DE/DE]; Honbergstrasse 1, D-78532 Tuttlingen (DE). EHRHARDT, André [DE/DE]; Schlossstrasse 1, D-78573 Wurmlingen (DE). IRION, Klaus, M. [DE/DE]; Heudorfer Strasse 38, D-78576 Liptingen (DE).</p>		<p>(81) Bestimmungsstaaten: US, europäisches Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Veröffentlicht Mit internationalem Recherchenbericht. Vor Ablauf der für Änderungen der Ansprüche zugelassenen Frist; Veröffentlichung wird wiederholt falls Änderungen eintreffen.</p>
<p>(54) Title: TESTING OR SETTING DEVICE FOR A PDD OR PDT SYSTEM, OR FOR TRAINING ON SUCH A SYSTEM AND TISSUE PHANTOM (54) Bezeichnung: VORRICHTUNG ZUR PRÜFUNG ODER JUSTIERUNG EINES PDD- ODER PDT-SYSTEMS ODER ZUR SCHULUNG AN EINEM DERARTIGEN SYSTEM SOWIE GEWEBEPHANTOM (57) Abstract The invention relates to a testing or setting device for a PDD or PDT system or for training on such a device. Said device comprises a lighting system and is provided with a housing in which the PDD or PDT system can be at least partially accommodated. The device is characterised in that a tissue phantom is accommodated in the housing in such a way that the surface of the tissue phantom is at least partially lit by the lighting system, that the observation system can observe the surface of the tissue phantom and that the tissue phantom has at least one luminescent area. A tissue phantom which can be used in the inventive device has at least one luminescent area and is characterised in that it has at least one additional area whose luminescence characteristics differ from those of the first luminescent area.</p> <div data-bbox="659 1245 1360 1709"> </div>		

SCANNED.# 8